

# Communication operators jointly build and share base stations

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What is China Telecom's Co-Building and co-sharing policy?

The government's co-building and co-sharing policy brings China Telecom and China Unicom together to share resources and compete with China Mobile. China Mobile assists China Broadnet in constructing 5G base stations and shares 5G networks with it.

How many 5G base stations does China Unicom have?

China Telecom and China Unicom signed a strategic cooperation agreement to build a nationwide 5G access network, sharing 5G spectrum resources and bearer networks in 2019. At the end of December 2022, China Unicom had 1.17 million 5G base stations and China Telecom had a total of 1 million 5G base stations (Z. Wen, 2022b).

How does China Telecom & China Unicom co-build and co-sharing policy work?

By adjusting resource allocation, the government aims to balance the competitiveness of the MNOs and regulate the competitive landscape. The government's co-building and co-sharing policy brings China Telecom and China Unicom together to share resources and compete with China Mobile.

Why is sharing of telecom infrastructure a requirement in telecommunication industry?

Due to economy of scale property of telecommunication industry, sharing of telecom infrastructure among telecom service providers is becoming the requirement and process of business in the telecom industry where competitors are becoming partners in order to lower their increasing investments.

According to the Agreement, the two operators, by sharing the radio spectrums to their names, will "build together" and "share together" one 5G radio access network in 15 ...

In China, the MNOs need to follow government policy guidelines for co-building and co-sharing base stations. Increasing costs of network construction and maintenance of 5G ...

Set cell-specific capabilities based on role. The hosting operator should have all capabilities related to the equipment of shared and non-shared base stations, while participating operators ...

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According to the " Framework Agreement on Co-building and Co-sharing 5G Networks " reached by China Telecom and China Unicom, ...

China Unicom and China Telecom have jointly built and now operate more than 300,000 5G base stations after two of the nation's big three telecom operators announced a year ago that they ...

This framework enables telecom operators to share physical and electronic infrastructure, reducing costs, accelerating deployment, and fostering innovation while ...

3GPP TS 23.501 specifies a network sharing architecture to allow multiple participating operators to share resources of a single shared network according to agreed ...

China Telecom and China Unicom have reached a tentative agreement to jointly build a 5G network and share network infrastructure. And it's possible that China Mobile may ...

3GPP TS 23.501 specifies a network sharing architecture to allow multiple participating operators to share resources of a single ...

According to official resources at China Telecom, China Telecom and China Unicom have jointly rolled out about 990,000 shared 5G base stations, realizing continuous ...

According to the " Framework Agreement on Co-building and Co-sharing 5G Networks " reached by China Telecom and China Unicom, the two parties will jointly construct ...

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